



CURECRETE DISTRIBUTION, INC.

Technical Services

Bulletin No. 10, Revision 2

09-25-2000

THE ASHFORD FORMULA AND FIBER-REINFORCED CONCRETE

Many slabs-on-grade are reinforced with fiber made from glass, polypropylene, and a variety of naturally fibrous materials. These short, discontinuous fibers reduce segregation and plastic shrinkage cracking and improve overall concrete strength. Standard screeding and troweling methods are used to finish concrete slabs containing fibers.

The Ashford Formula reacts with and becomes part of the cementitious matrix that surrounds the fibers, but it has no effect on the fibers themselves. The advantages that result from the use of The Ashford Formula are not minimized or reduced in any way with the use of fiber. The Ashford Formula will still cure, seal, harden, and dustproof the finished surface of the concrete.

Those who see fiber-reinforced floors for the first time have described them as “furry or fuzzy looking.” This is because the fibers protrude from the floor surface. This phenomenon is normal, and is no cause for concern, as the fibers will wear away under normal traffic.

The application procedure for The Ashford Formula does not change on fiber-reinforced concrete.